

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION DR-618

Effective Date: April 1, 2013
Reevaluation Date: **March 2017**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

6'-8" and 8'-0" Opaque Fiberglass Entry Doors, Inswing, Singles & Doubles with and without Sidelites, Non-Impact Resistant, manufactured by

**Taylor Building Products
631 N. First St.
West Branch, MI 48661
Telephone: (989) 345-5110**

General Description:

| System | Description | Label Rating | Drawing Number |
|--------|--|---------------------|----------------|
| 1 | 3'-0" x 6'-8" Opaque Fiberglass Single Door w/ Sidelite & Combination Reinforced Mullion, Inswing; (OX/XO) | Inswing +55/-60 psf | TX-4250 |
| 2 | 3'-0" x 6'-8" Opaque Fiberglass Single Door w/ Sidelites & Combination Reinforced Mullion, Inswing; (OXO) | Inswing +55/-60 psf | TX-4250 |
| 3 | 6'-0" x 6'-8" Opaque Fiberglass Double Door, Inswing; (XX) | Inswing +55/-60 psf | TX-4251 |
| 4 | 6'-0" x 6'-8" Opaque Fiberglass Double Door w/ Sidelites, Inswing; (OXXO) | Inswing +55/-60 psf | TX-4251 |

General Description (cont.):

| System | Description | Label Rating | Drawing Number |
|--------|--|---------------------|----------------|
| 5 | 3'-0" x 8'-0" Opaque Fiberglass Single Door w/ Sidelite & Combination Reinforced Mullion, Inswing; (OX/XO) | Inswing +55/-60 psf | TX-4252 |
| 6 | 3'-0" x 8'-0" Opaque Fiberglass Single Door w/ Sidelites & Combination Reinforced Mullion, Inswing; (OXO) | Inswing +55/-60 psf | TX-4252 |
| 7 | 6'-0" x 8'-0" Opaque Fiberglass Double Door, Inswing; (XX) | Inswing +45/-45 psf | TX-4253 |
| 8 | 6'-0" x 8'-0" Opaque Fiberglass Double Door w/ Sidelites, Inswing; (OXXO) | Inswing +45/-45 psf | TX-4253 |

Component Dimensions:

| System | Overall Size | Panel Size | Overall Sidelite Panel Size | Maximum Daylight Opening Size |
|--------|---------------------------------------|--------------------------|-----------------------------|-------------------------------|
| 1 | Inswing: 58.07" x 81 $\frac{3}{4}$ " | 35 $\frac{3}{4}$ " x 79" | 17.56" x 79 $\frac{1}{4}$ " | 7" x 63.12" |
| 2 | Inswing: 78.63" x 81 $\frac{3}{4}$ " | 35 $\frac{3}{4}$ " x 79" | 17.56" x 79 $\frac{1}{4}$ " | 7" x 63.12" |
| 3 | Inswing: 74" x 81 $\frac{3}{4}$ " | 35 $\frac{3}{4}$ " x 79" | NA | NA |
| 4 | Inswing: 115.13" x 81 $\frac{3}{4}$ " | 35 $\frac{3}{4}$ " x 79" | 17.56" x 79 $\frac{1}{4}$ " | 7" x 63.12" |
| 5 | Inswing: 58.07" x 98" | 35 $\frac{3}{4}$ " x 95" | 17.56" x 95" | 7" x 63.12" |
| 6 | Inswing: 78.63" x 98" | 35 $\frac{3}{4}$ " x 95" | 17.56" x 95" | 7" x 63.12" |
| 7 | Inswing: 74" x 98" | 35 $\frac{3}{4}$ " x 95" | NA | NA |
| 8 | Inswing: 115.13" x 98" | 35 $\frac{3}{4}$ " x 95" | 17.56" x 95" | 7" x 63.12" |

Hardware and Component Dimensions:

| System | Component | Quantity | Attachment Method |
|--------|---|--------------------------|---|
| 1-4 | 4" Butt Hinges | 3 | Hardware shall be installed in accordance with Taylor Building Products, Inc. drawings TX-4250, TX-4251, TX-4252 and TX-4253, dated October 1, 2012, signed and sealed by Lyndon F. Schmidt, P.E. on February 18, 2013. |
| | Lock and deadbolt strike plate | 1 per lockset & deadbolt | |
| | Kwikset Series or Kwikset Signature Series or Schlage "F" Series or Copper Creek E-Series lockset | 1 | |
| | Kwikset Series (660) or Kwikset Signature Series (980) or Schlage "B" Series Copper Creek E-Series deadbolt | 1 | |
| 5-8 | 4" Butt Hinges | 4 | |
| | Lock and deadbolt strike plate | 1 per lockset & deadbolt | |
| | Kwikset Signature Series or Schlage "F" Series or Copper Creek E-Series lockset | 1 | |
| | Kwikset Signature Series (980) or Schlage "B" Series Copper Creek E-Series deadbolt | 1 | |

Product Identification (Certification Agency Label on Door):

| System | | |
|--------|----------------------------------|--|
| 1 | Certification Agency | Self-labeled by manufacturer |
| | Manufacturer's Name or Code Name | Taylor Building Products, Inc., West Branch, MI |
| | Product Name | Opaque Fiberglass Single Door with Sidelite (Timberline Deluxe) |
| | Test Standards | ASTM E330-02 |
| 2 | Certification Agency | Self-labeled by manufacturer |
| | Manufacturer's Name or Code Name | Taylor Building Products, Inc., West Branch, MI |
| | Product Name | Opaque Fiberglass Single Door with Sidelites (Timberline Deluxe) |
| | Test Standards | ASTM E330-02 |
| 3 | Certification Agency | Self-labeled by manufacturer |
| | Manufacturer's Name or Code Name | Taylor Building Products, Inc., West Branch, MI |
| | Product Name | Opaque Fiberglass Double Doors (Timberline Deluxe) |
| | Test Standards | ASTM E330-02 |
| 4 | Certification Agency | Self-labeled by manufacturer |
| | Manufacturer's Name or Code Name | Taylor Building Products, Inc., West Branch, MI |
| | Product Name | Opaque Fiberglass Single Door with Sidelites (Timberline Deluxe) |
| | Test Standards | ASTM E330-02 |
| 5 | Certification Agency | Self-labeled by manufacturer |
| | Manufacturer's Name or Code Name | Taylor Building Products, Inc., West Branch, MI |
| | Product Name | Opaque Fiberglass Door with Sidelite (Timberline Deluxe) |
| | Test Standards | ASTM E330-02 |

Product Identification (Certification Agency Label on Door):

| System | | |
|--------|----------------------------------|---|
| 6 | Certification Agency | Self-labeled by manufacturer |
| | Manufacturer's Name or Code Name | Taylor Building Products, Inc., West Branch, MI |
| | Product Name | Opaque Fiberglass Door with Sidelites (Timberline Deluxe) |
| | Test Standards | ASTM E330-02 |
| 7 | Certification Agency | Self-labeled by manufacturer |
| | Manufacturer's Name or Code Name | Taylor Building Products, Inc., West Branch, MI |
| | Product Name | Opaque Fiberglass Double Doors (Timberline Deluxe) |
| | Test Standards | ASTM E330-02 |
| 8 | Certification Agency | Self-labeled by manufacturer |
| | Manufacturer's Name or Code Name | Taylor Building Products, Inc., West Branch, MI |
| | Product Name | Opaque Fiberglass Double Doors with Sidelites (Timberline Deluxe) |
| | Test Standards | ASTM E330-02 |

Impact Resistance:

| Component | Impact Resistant | Requirement |
|---------------------|------------------|--|
| Doors and Sidelites | No | Impact protective system required when product is installed in areas where windborne debris protection is required |

Installation:

| Installation: | | | |
|---------------|---------------------------|---|--|
| System | | | |
| 1-8 | Type of Installation | Door Frame | |
| | Wall Framing | Wood (G≥0.42) or Concrete (minimum 3,000 psi) | |
| | Fasteners | Minimum No. 10 x 2 ½" PFH wood screw ¼" Elco or ITW concrete screw | |
| | Fastener Embedment | Wood: Minimum of 1.15 inches into wood framing Concrete: Minimum of 1 ¾ inches into the concrete | |
| | Fastener Location/Spacing | Head | Hardware and components shall be installed in accordance with Taylor Building Products, Inc. drawings TX-4250, TX-4251, TX-4252 and TX-4253, dated October 1, 2012, signed and sealed by Lyndon F. Schmidt, P.E. on February 18, 2013. |
| | | Sill | |
| | | Side Jamb | |
| Hinges | | | |

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.